

Investigations in Number, Data, and Space, Kentucky Student Bundle

Includes: 1 Grade K Student Math Handbook Flipchart, 18 Grade K Student Activity Books, and 1 Grade K Core Curriculum Units Package

Contract Price

\$802.00

Grade

K

TYPE

E2

Copyright

2008

Author

Russell, Susan Jo

Edition

1st

ContentElementary
MathematicsReadability

N/A

AccessibilityResearchwww.pearsonschool.
com/elementaryproduc
ts

Teacher Edition		
Essential Items		
0328240230	Nimas	\$6.50
Student Activity Book (Grade K)		
0328259381		\$315.00
Core Curriculum Units Package (Grade K)		
0328259942	Nimas	\$370.00
Student Math Handbook Flipchart (Grade K)		
Ancillary Items		
0328260428		\$842.15
Core Curriculum Units Package with Manipulatives Kit (Grade K)		
0328237213		\$45.00
Curriculum Unit: Counting and Comparing (Grade K)		
0328237256		\$45.00
Curriculum Unit: How Many Do You Have? (Grade K)		
0328237248		\$45.00
Curriculum Unit: Make A Shape, Build A Block (Grade K)		
032823723X		\$45.00
Curriculum Unit: Measuring and Counting (Grade K)		
0328270032		\$45.00
Curriculum Unit: Sorting and Surveys (Grade K)		
0328237221		\$45.00
Curriculum Unit: What Comes Next? (Grade K)		
0328237205		\$45.00
Curriculum Unit: Who's in School Today? (Grade K)		
0328249165		\$25.00
Implementing Investigations in Kindergarten (Grade K)		
0328259977		\$158.50
Manipulatives Completer Kit (Grade K)		
0328260096		\$527.15
Manipulatives Kit (Grade K)		
0328275883		\$55.00
Resource Masters CD-ROM (Grade K)		
032824080X		\$55.00
Resources Binder (Grade K)		
0328242977		\$29.00
Shapes CD-ROM (Grades K-2)		
0328259942		
Student Math Handbook Flip Chart Package (Grade K)		
Free with Purchase items		
0328258288	Teacher Resources Online Access Pack (Grade K)	\$180.00
1 Free with the purchase of the Gr. K Kentucky Student Bundle		
0328260037	Cards Package (Grade K)	\$87.50
1 Free with the purchase of the Gr. K Kentucky Student Bundle		
0328309842	Student Resources Online Access Pack (Grade K)	\$199.00
1 Free with the purchase of the Gr. K Kentucky Student Bundle		
0328331015	Spanish Companion: Teacher Talk for the Bilingual Classroom (Grade	\$30.00

Investigations in Number, Data, and Space, Kentucky Student Bundle

1 Free with the purchase of the Gr. K Kentucky Student Bundle

0328376620 Student Activity Book Answer Key (Grade K)

\$2.50

1 Free with the purchase of the Gr. K Kentucky Student Bundle

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN	0328454281	Publisher -	Pearson Education, Inc., publishing as Scott Foresman	
	Investigations in Number, Data, and Space, Kentucky Student Bundle				
	Type - E2	Author - Russell, Susan Jo			
	Copyright - 2008	Edition - 1st	Readability - N/A		
	Course - Elementary Mathematics		Grade(s) - K		
	Teacher Edition ISBN if applicable.....				0328259381

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

The activities in this basal cover all of KY's math standards and the program of studies through a plethora of activities based on educational best practice.

NIMAC Accessibility

Ancillary Yes

Free with Purchase Yes

Research Yes www.pearsonschool.com/elementaryproducts

Includes: 1 Grade K Student Math Handbook Flipchart, 18 Grade K Student Activity Books, and 1 Grade K Core Curriculum Units Package

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations

Strong Evidence

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|-------------------------------------|-----------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Strong Evidence |
| c) Geometry | Strong Evidence |
| d) Data Analysis and Probability | Strong Evidence |
| e) Algebraic Thinking | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.

Strong Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards.

Strong Evidence

4) Content addressed is current, relevant and non-trivial

Strong Evidence

5) Provides opportunities for critical thinking/reasoning

Strong Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

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Mathematics (2009 – 2015)

This basal contains ample activities to cover the 5 big ideas of mathematics. The activities require students to utilize critical thinking and reasoning skills.

B. Functionality & Suitability

Strong Evidence

1) Suitability Strong Evidence

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality Strong Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy Strong Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology Strong Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners Strong Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The activities in this basal are suitable for all students. There are numerous connections to technology and literacy. Vocabulary is covered in a meaningful context for students.

C. Supports Inquiry and Skill Development

Strong Evidence

1) Promotes Inquiry, research and Application of Learning Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.

- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

These basal challenges students to use inquiry and reasoning skills to solve mathematical problems through various means.

D. Supports Best Practices of Teaching and Learning

Strong Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

This basal utilizes educational best practice in all areas. Activities are hands on and engaging for all learners. Assessments are authentic and drive instructional practices.

E. Has an Organization/ Format that Supports Learning and Teaching

Strong Evidence

1) Organizational Quality

Strong Evidence

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Mathematics (2009 – 2015)

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Strong Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal
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3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The basal is organized into mathematical strands. The activities are clearly explained.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Strong Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
 - Are well-organized and easy to use
 - Provide substantive learning opportunities and are congruent with student learning goals
 - Provide opportunities for high-level thinking, assessment, and/or problem solving
 - Provides opportunities for intervention.
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2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The ancillary materials support learning at high levels.
